

12/12/01

14:10

COATS+BENNETT → 17038729314

NO. 339

D09

Dec-11-2001 10:14am From-ERICSSON

+858-332-7189

T-165 P.016/026 F-640



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Djuphammar

Serial No.: 09/693575

Filed: October 19, 2000

For: Methods and Apparatus for Dual Mode  
Operation in a Wireless Communication System

Attorney's Docket No: 4740-068

Commissioner for Patents  
Washington, D.C. 20231

Official

Group Art Unit: 2631

REVOCATION AND POWER OF ATTORNEY  
WITH STATEMENT UNDER 27 CFR 3.73 (b)  
AND CHANGE OF CORRESPONDENCE ADDRESS

Sir:

Telefonaktiebolaget L M Ericsson, a corporation, certifies that it is the assignee of the entire right, title and interest in and to the above-entitled U.S. patent application, and the invention disclosed therein, by virtue of the assignment from the inventor(s) to Telefonaktiebolaget L M Ericsson recorded in the Patent and Trademark Office at Reel/Frame 011286/0308. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, Telefonaktiebolaget L M Ericsson is the assignee of the entire right, title and interest in the U.S. patent application identified.

Telefonaktiebolaget L M Ericsson hereby revokes all previous Powers of Attorney and appoints as my attorneys and/or agents with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners of Coats & Bennett, P.L.L.C. identified by Customer Number 24112.

12/12/01

14:10

COATS\*BENNETT → 17038729314

NO. 339

D10

Dec-11-2001 10:14am From-ERICSSON

+858-332-7188

T-165 P.017/025 F-640



24112

PATENT TRADEMARK OFFICE

and the following Ericsson Wireless Communications Inc. attorneys and/or agents: David G. Mathews, Reg. No. 33,959; Dang Vo, Reg. No. 45,183; John Han, Reg. No. 41,403, Roger Burleigh, Reg. No. 40,542; Sidney L. Weatherford, Reg. No. 45,602.

Please address all future correspondence to

David E. Bennett  
Coats & Bennett, P.L.L.C.  
1400 Crescent Green, Suite 300  
Cary, North Carolina 27511

Please direct all telephone calls about this application and the resulting patent to:

David E. Bennett  
Telephone: (919) 854-1844

The undersigned is empowered to sign this statement on behalf of the assignee.

12-11-01  
Date

David G. Mathews  
David G. Mathews, Registration No. 33,959  
Assignee

Telefonaktiebolaget L M Ericsson  
S-126 25  
Stockholm, SWEDEN  
Telephone: (468) 719-0000

4144-000



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 05, 2001

PTAS

LYON & LYON LLP  
DAVID T. BURSE, ESQ.  
633 WEST FIFTH STREET, SUITE 4700  
LOS ANGELES, CA 90071-2066



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/20/2000

REEL/FRAME: 011286/0308  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
DJUPHAMMAR, HAKAN O.

DOC DATE: 10/18/2000

ASSIGNEE:  
TELEFONAKTIEBOLAGET LM ERICSSON  
SE-126 25 STOCKHOLM, SWEDEN  
SE-  
126 25

SERIAL NUMBER: 09693575  
PATENT NUMBER:

FILING DATE: 10/20/2000  
ISSUE DATE:

RECEIVED

FEB - 9 2001

U.S. PROSECUTION

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12-05-2000

FC/RM PTO-595  
1-31-92

RE



EET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No. 253/099

101536935

ed original documents or copy thereof.

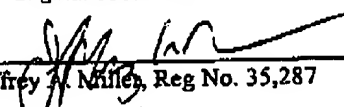
To the Honorable Commissioner of Patent.

1. Name of conveying party(ies): Hakan O. Djuphammar Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party: Name: Telefonaktiebolaget LM Ericsson Internal Address: _____ City: SE-126 25 Stockholm Country: Sweden Zip: SE-126 25 Street Address: _____ City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____ Execution Date: October 18, 2000			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: October 19, 2000			
A. Patent Application No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		B. Patent No(s): 9/693575	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: David T. Burse, Esq.  Internal Address: LYON & LYON LLP 633 West Fifth Street, Suite 4700 Los Angeles, CA 90071-2066		6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Charge this Deposit Account if any additional fee is required  B. Deposit Account Number: 12-2475	

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
Jeffrey A. Miller, Reg No. 35,287

Date: October 19, 2000

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director — U.S. Patent and Trademark Office  
Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

Patent  
253/099

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, HAKAN O. DJUPHAMMAR, a citizen of SWEDEN; (hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled METHODS AND APPARATUS FOR DUAL MODE OPERATION IN A WIRELESS COMMUNICATION SYSTEM for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, TELEFONAKTIEBOLAGET LM ERICSSON, a corporation organized and existing under and by virtue of the laws of Sweden and having its principal place of business at SE-126 25 Stockholm, Sweden (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue

Patent  
253/099

said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

10/18/2000

Date

Hakan O. Djuphammar

Hakan O. Djuphammar